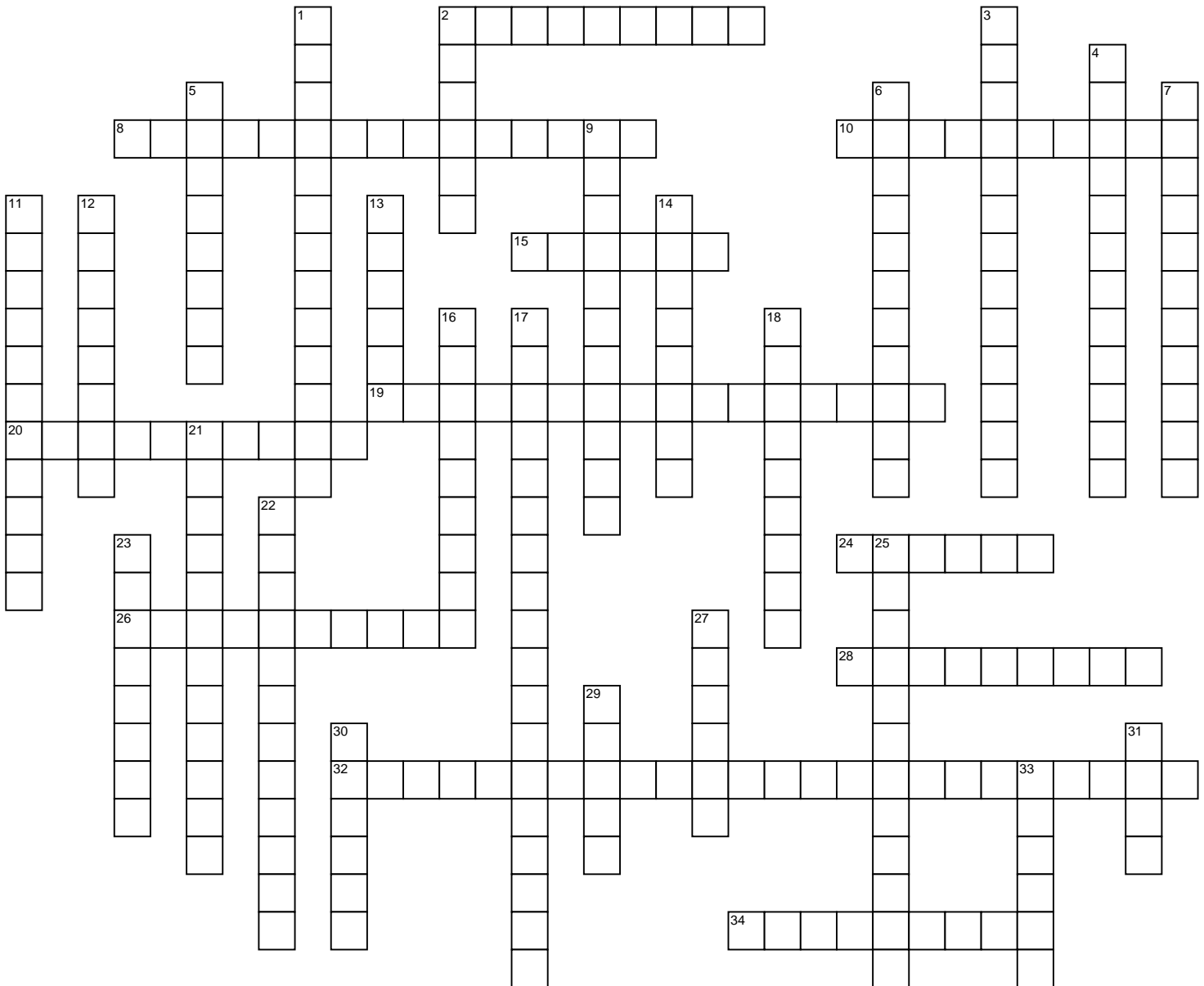


# Astronomy



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## ACROSS

- 2 Gas and dust accumulating into larger bodies
- 8 The colors from red to violet
- 10 The highest part of the Earth's atmosphere
- 15 3.26 light-years
- 19 Distance from the Earth to the Sun
- 20 The scientific name for the wobble of the Earth as it spins
- 24 A shooting star
- 26 The highest of the high tides
- 28 A small rock in space
- 32 Energy that can move through space
- 34 9,460,000,000,000 kilometers

## DOWN

- 1 The source of energy for a star
- 2 The reflectivity of a surface
- 3 A grouping of stars into a recognizable pattern
- 4 An instrument that uses a prism to separate the colors of light
- 5 Many are found between Mars and Jupiter
- 6 A scientist that studies the origins of the universe
- 7 Planets with a higher density consisting of rocky material
- 9 Wavelengths shorter than visible light
- 11 The visible surface of the sun
- 12 Wavelengths longer than visible light
- 13 A state of matter that is more energetic than solid, liquid or gas
- 14 The lowest of the high tides
- 16 The part of a shooting star that

- survives to land on the Earth
- 17 Small clumps of material formed in the early stages of the solar system
- 18 The flow of hot charged particles leaving the sun
- 21 The study of the interaction between light and matter
- 22 Very small planetary body
- 23 Planets in the outer solar system composed of hydrogen, helium and methane
- 25 The distance between the foci divided by the length of the major axis of an orbit
- 27 The outermost atmosphere of the sun
- 29 A chunk of frozen debris orbiting the sun
- 30 a "fuzzy" patch of sky.
- 31 The gas around the head of a

- comet
- 33 Bright lights dancing in the sky near the poles